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TRANSMITTAL
FORM

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		Application Number	09/963623
		Filing Date	09/27/2001
		First Named Inventor	CHARLES DOUGLAS MURPHY
		Art Unit	
		Examiner Name	CHAT C. DO
Total Number of Pages in This Submission		Attorney Docket Number	

ENCLOSURES (Check all that apply)			
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):	
Remarks <i>Amendment letter includes separate page having Figure 1; mailing by Express mail (USPS overnight);</i>			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name			
Signature	<i>Charles Douglas Murphy</i>		
Printed name	CHARLES DOUGLAS MURPHY		
Date	11/10/2004	Reg. No.	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Charles Douglas Murphy</i>		
Typed or printed name	CHARLES DOUGLAS MURPHY	Date	11/10/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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2124
IFW

Application Number: 09/963623

Filing Date: 09/27/2001

Applicant: Charles Douglas Murphy

Title: NON-CONSTANT REDUCED-COMPLEXITY MULTIPLICATION
IN SIGNAL PROCESSING TRANSFORMS

Examiner/GAU: Chat C. Do

November 09, 2004

AMENDMENT A

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed August 16, 2004, please amend the above application as follows:

Specification:

In the section **DRAWING FIGURES** on page 12, line 16 has been amended as follows:

Net applicable Figure 1 – A diagram of a non-constant and non-general multiplier according to the preferred embodiment.

In the section **REFERENCE NUMERALS IN DRAWINGS** with section header on page 12 and body on page 13, body on line 1 of page 13 has been amended as follows:

Not applicable 10 a non-general and non-constant multiplier
12 a first multiplier input X
14 a first multiplicand input Y
16 a first multiplier output Z